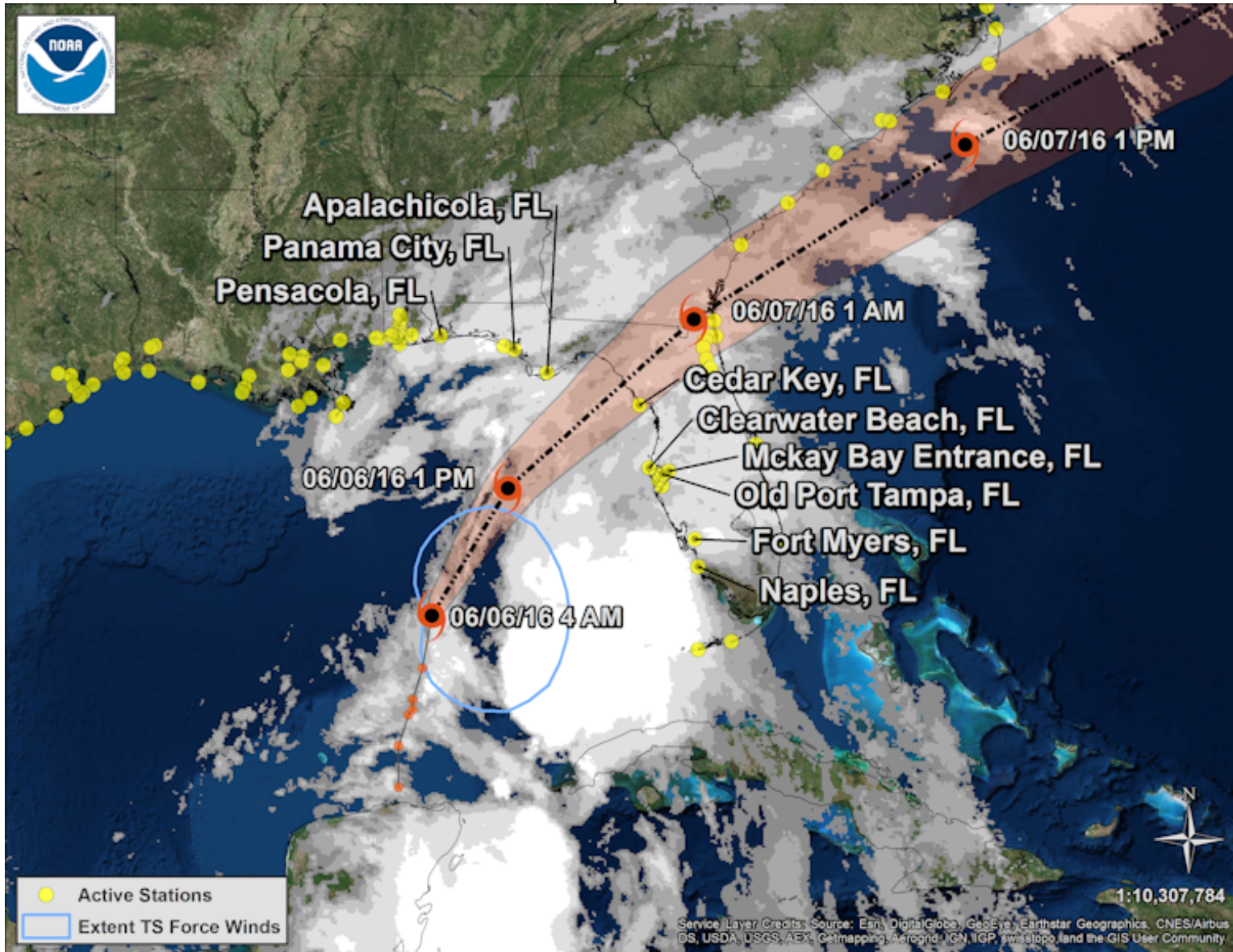




Tropical Storm COLIN QuickLook Posted: 05:00 CDT 06/06/2016

NOAA and NOAA Partnership Stations Relative to the Storm



Storm Analysis

As of 06/06/2016 05:00 CDT, water levels along the Gulf Coast of Florida are slowly rising and range from approximately 1 to just over 2 feet above tidal predictions. Winds are increasing from Apalachicola to Tampa Bay, FL where speeds range between 15 and 20 kts with some gusts over 30 knots. Barometric pressure is falling slowly across the region.

Water Level and Meteorological plots available below are updated automatically. A line denoting Mean Higher High Water (MHHW) is displayed to provide an approximate indication of when flooding inundation may occur.

For additional data, please see the Center for Operational Oceanographic Products & Services website. For more information or archived products and reports, please see the Storm QuickLook Homepage.

Analyst: PFF

SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:BULLETIN
TROPICAL STORM COLIN ADVISORY NUMBER 4
NWS NATIONAL HURRICANE CENTER MIAMI FL
400 AM CDT MON JUN 06 2016

...HURRICANE HUNTER AIRCRAFT FINDS THAT COLIN IS STRONGER...

WATCHES AND WARNINGS

A Tropical Storm Warning is in effect for...

- * Indian Pass to Englewood
- * Altamaha Sound to Sebastian Inlet

A Tropical Storm Watch is in effect for...

- * North of Altamaha Sound to South Santee River

A Tropical Storm Warning means that tropical storm conditions are expected somewhere within the warning area, in this case within 24 hours.

A Tropical Storm Watch means that tropical storm conditions are possible within the watch area, in this case within 36 to 48 hours.

Interests elsewhere along the southeastern coast of the United States should monitor the progress of Colin. Additional warnings and watches may be required for parts of this area later this morning.

For storm information specific to your area, including possible inland watches and warnings, please monitor products issued by your local National Weather Service forecast office.

DISCUSSION AND 48-HOUR OUTLOOK

At 400 AM CDT (0900 UTC), the center of Tropical Storm Colin was located near latitude 25.2 North, longitude 87.4 West OR ABOUT 360 MI...580 KM WSW OF TAMPA FLORIDA and ABOUT 345 MI...555 KM SSW OF APALACHICOLA FLORIDA. Colin is moving toward the north-northeast near 14 mph (22 km/h). A turn toward the northeast with an increase in forward speed is expected today. A rapid northeastward motion is expected tonight and Tuesday. On this track, the center of Colin is forecast to approach the coast of the Florida Big Bend area this afternoon or evening, move across portions of Florida and southeastern Georgia early Tuesday morning, and move near the southeastern coast of the United states later on Tuesday.

Reports from an Air Force Reserve Hurricane Hunter aircraft indicate that maximum sustained winds have increased to near 50 mph (85 km/h) with higher gusts. Some additional slow strengthening is possible during the next 48 hours.

Tropical-storm-force winds extend outward up to 185 miles (295 km) mainly to the east of the center.

The estimated minimum central pressure is 1004 mb (29.65 inches).

HAZARDS AFFECTING LAND

RAINFALL...Colin is expected to produce rainfall amounts of 3 to 5 inches with isolated maximum totals of 8 inches possible across the northeastern Yucatan peninsula, western Cuba, western to northern Florida, southeastern Georgia, and coastal areas of the Carolinas through Tuesday.

STORM SURGE...The combination of a storm surge and the tide will cause normally dry areas near the coast to be flooded by rising waters. The water could reach the following heights above ground if the peak surge occurs at the time of high tide...

Indian Pass to Tampa Bay...1 to 3 ft with slightly higher amounts possible in a few locations. Tampa Bay south to Florida Bay...1 to 2 ft.

Localized coastal flooding and dangerous surf is possible along the Florida East and Georgia coasts within the Tropical Storm Warning area, as well as in the Tropical Storm Watch area along the Georgia and South Carolina coasts.

The deepest water will occur along the immediate coast. Surge-related flooding depends on the relative timing of the surge and the tidal cycle, and can vary greatly over short distances. For information specific to your area, please see products issued by your local National Weather Service forecast office.

WIND...Tropical storm conditions are expected to first reach the Gulf coast within the warning area this afternoon, and the Atlantic coast within the warning area by early Tuesday. Tropical storm conditions are possible along the Atlantic coast within the watch area on Tuesday.

TORNADOES...A few tornadoes are possible today and tonight across portions of Florida and far southern Georgia.

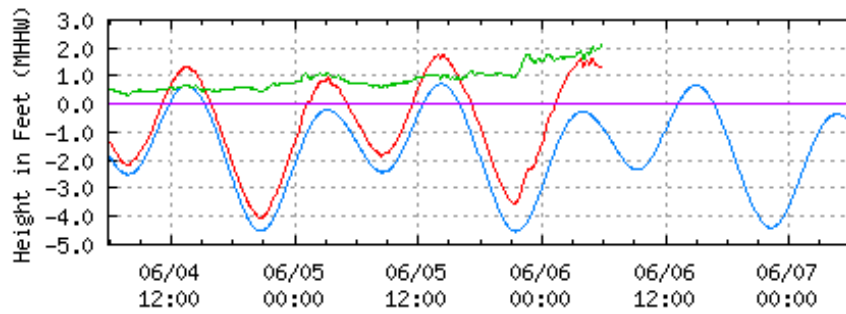
NEXT ADVISORY

Forecaster Beven

For the purpose of timely release, data contained within this QuickLook have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.

Jump to: [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Mckay Bay Entrance - Water Level](#), [Old Port Tampa - Water Level](#), [Old Port Tampa - Winds](#), [Old Port Tampa - Barometric](#), [Fort Myers - Water Level](#), [Fort Myers - Winds](#), [Naples - Water Level](#), [Naples - Barometric](#), [Apalachicola - Water Level](#), [Apalachicola - Winds](#), [Apalachicola - Barometric](#), [Panama City - Water Level](#), [Panama City - Winds](#), [Panama City - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#)

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 06/06/2016 05:54 (EDT). Data relative to MHHW

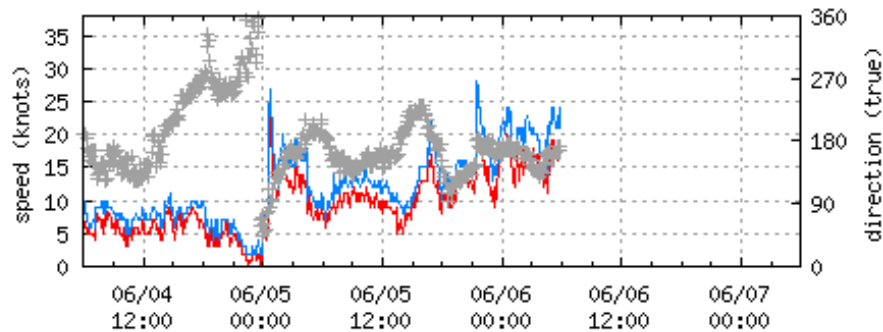
Observed: 1.27 ft. Predicted: -0.84 ft. Residual: 2.11 ft.

Historical Maximum Water Level: Oct 7 1996, 5.15 ft.

Next High Tide: 06/06/2016 14:57 (EDT), 0.67 ft.

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL

Wind Speed / Gusts / Direction

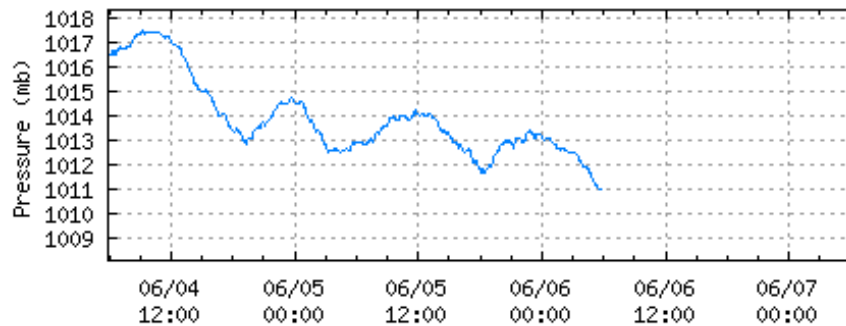


speed — gusts — direction +

Last Observed Sample: 06/06/2016 05:54 (EDT)

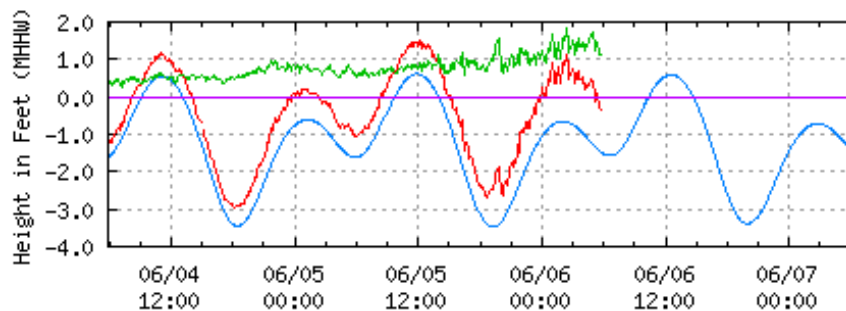
Wind Speed: 18 knots Gusts: 23 knots Direction: 170° T

NOAA/NOS/CO-OPS 8727520 Cedar Key, FL
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/06/2016 05:54 (EDT)
Barometric Pressure: 1011.1 mb

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL
Preliminary Water Level, relative to Mean Higher High Water (MHHW)

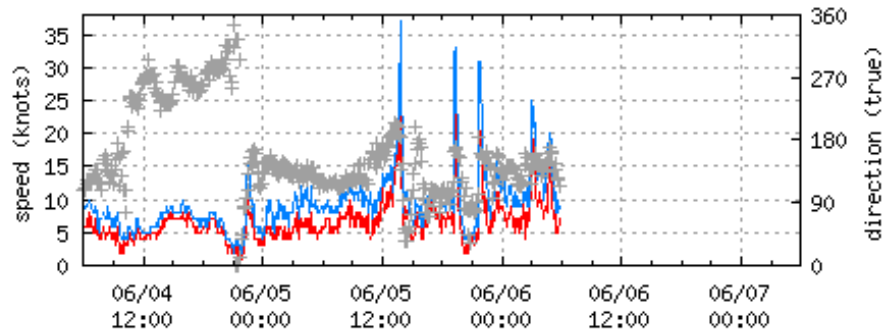


Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

Last Observed Sample: 06/06/2016 05:48 (EDT). Data relative to MHHW
Observed: -0.35 ft. Predicted: -1.49 ft. Residual: 1.14 ft.
Historical Maximum Water Level: Mar 13 1993, 4.00 ft.
Next High Tide: 06/06/2016 12:32 (EDT), 0.58 ft.

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Wind Speed / Gusts / Direction



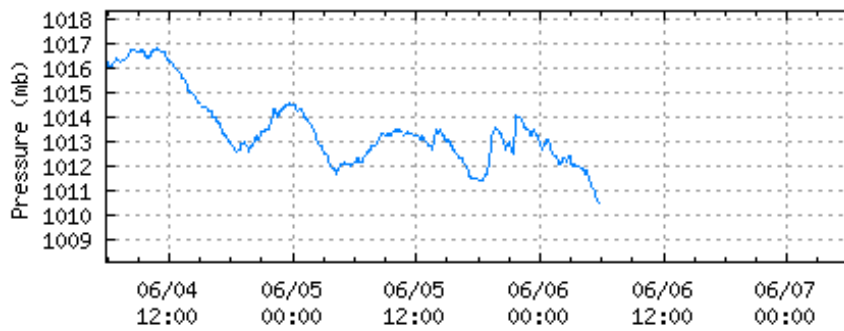
speed — gusts — direction +

Last Observed Sample: 06/06/2016 05:48 (EDT)

Wind Speed: 5 knots Gusts: 8 knots Direction: 114° T

NOAA/NOS/CO-OPS 8726724 Clearwater Beach, FL

Barometric Pressure

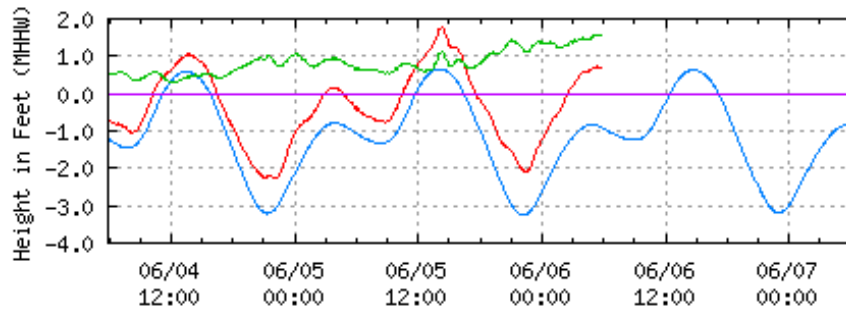


barometric pressure —

Last Observed Sample: 06/06/2016 05:48 (EDT)

Barometric Pressure: 1010.5 mb

NOAA/NOS/CO-OPS 8726667 Mckay Bay Entrance, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

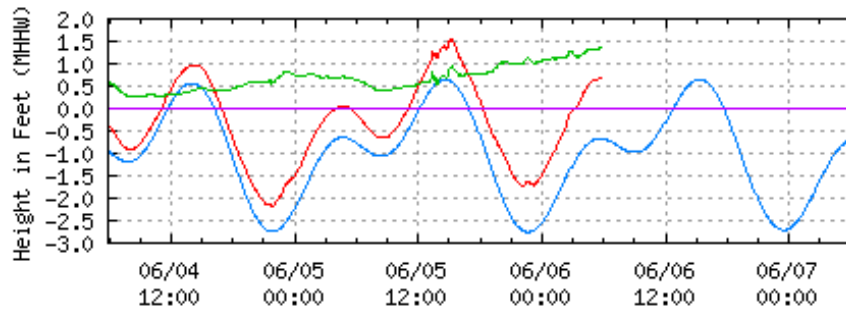
Last Observed Sample: 06/06/2016 05:48 (EDT). Data relative to MHHW

Observed: 0.67 ft. Predicted: -0.91 ft. Residual: 1.58 ft.

Historical Maximum Water Level: Oct 8 1996, 4.32 ft.

Next High Tide: 06/06/2016 14:41 (EDT), 0.64 ft.

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide ——— (Obs-Pred) ———
Observed WL ——— MHHW ———

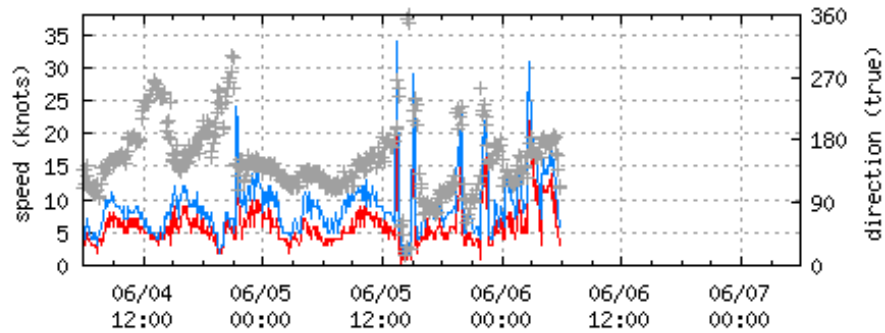
Last Observed Sample: 06/06/2016 05:48 (EDT). Data relative to MHHW

Observed: 0.70 ft. Predicted: -0.67 ft. Residual: 1.37 ft.

Historical Maximum Water Level: Oct 8 1996, 3.60 ft.

Next High Tide: 06/06/2016 15:19 (EDT), 0.65 ft.

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL
Wind Speed / Gusts / Direction

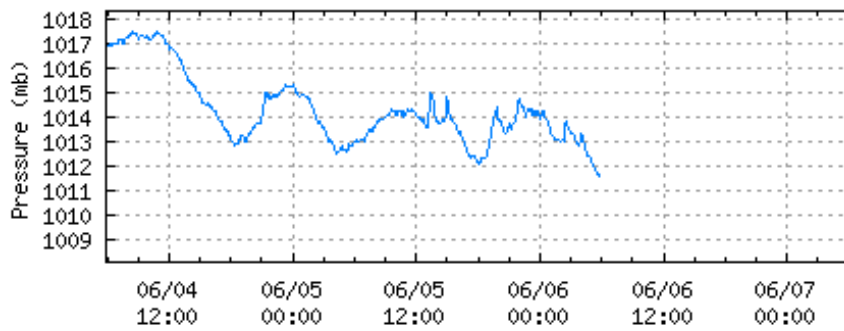


speed — gusts — direction +

Last Observed Sample: 06/06/2016 05:48 (EDT)

Wind Speed: 4 knots Gusts: 6 knots Direction: 115° T

NOAA/NOS/CO-OPS 8726607 Old Port Tampa, FL
Barometric Pressure

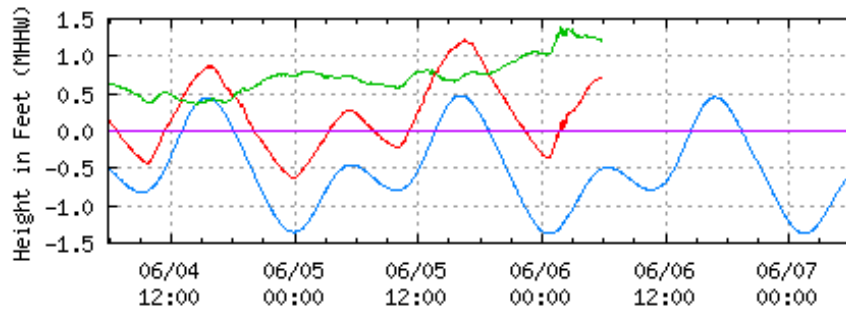


barometric pressure —

Last Observed Sample: 06/06/2016 05:48 (EDT)

Barometric Pressure: 1011.6 mb

NOAA/NOS/CO-OPS 8725520 Fort Myers, FL
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

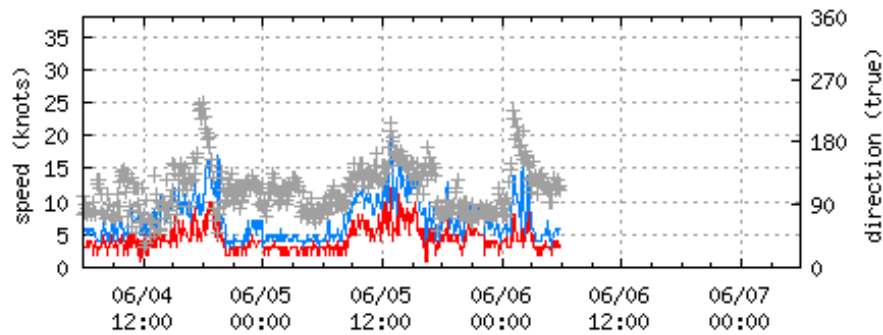
Last Observed Sample: 06/06/2016 05:48 (EDT). Data relative to MHHW

Observed: 0.70 ft. Predicted: -0.51 ft. Residual: 1.21 ft.

Historical Maximum Water Level: Nov 23 1988, 3.41 ft.

Next High Tide: 06/06/2016 06:25 (EDT), -0.49 ft.

NOAA/NOS/CO-OPS 8725520 Fort Myers, FL
Wind Speed / Gusts / Direction

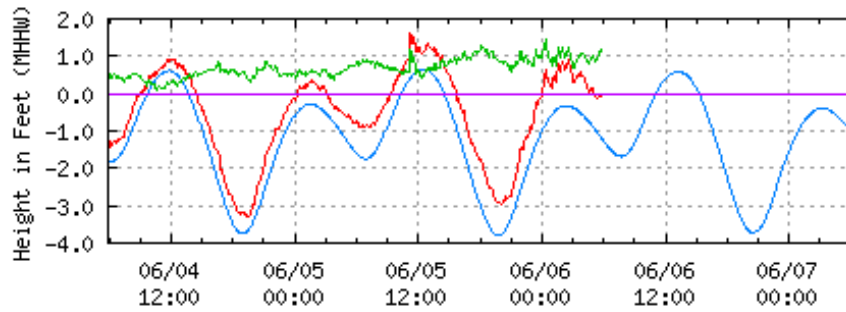


speed — gusts — direction +

Last Observed Sample: 06/06/2016 05:48 (EDT)

Wind Speed: 3 knots Gusts: 6 knots Direction: 111° T

NOAA/NOS/CO-OPS 8725110 Naples, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

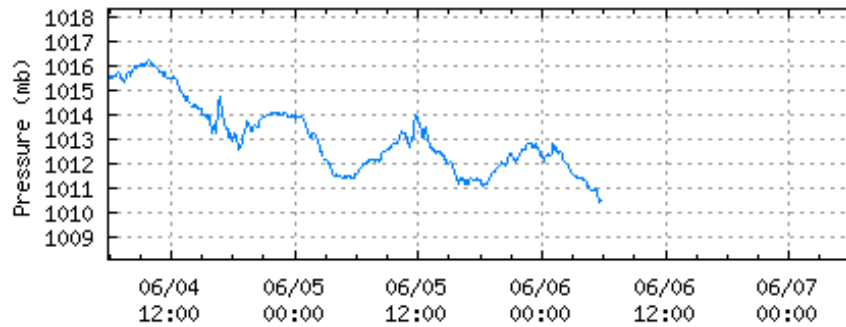
Last Observed Sample: 06/06/2016 05:48 (EDT). Data relative to MHHW

Observed: -0.06 ft. Predicted: -1.20 ft. Residual: 1.14 ft.

Historical Maximum Water Level: Dec 21 1972, 3.11 ft.

Next High Tide: 06/06/2016 13:13 (EDT), 0.58 ft.

NOAA/NOS/CO-OPS 8725110 Naples, FL
Barometric Pressure

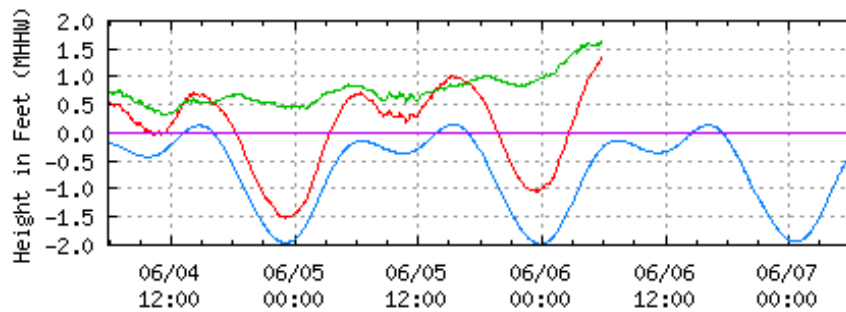


barometric pressure —

Last Observed Sample: 06/06/2016 05:48 (EDT)

Barometric Pressure: 1010.5 mb

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

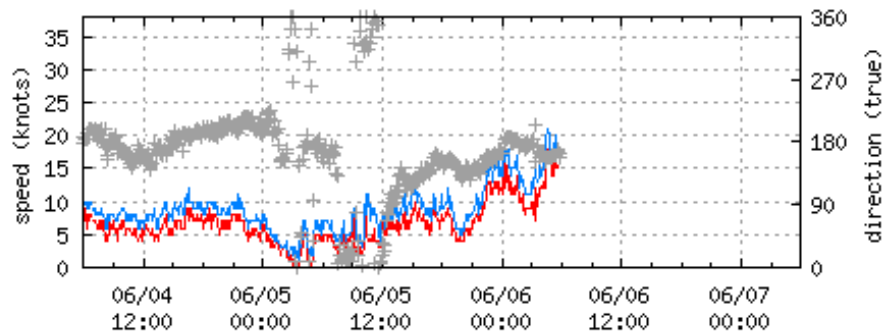
Last Observed Sample: 06/06/2016 05:48 (EDT). Data relative to MHHW

Observed: 1.34 ft. Predicted: -0.27 ft. Residual: 1.61 ft.

Historical Maximum Water Level: Jul 10 2005, 6.43 ft.

Next High Tide: 06/06/2016 07:22 (EDT), -0.13 ft.

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL
Wind Speed / Gusts / Direction

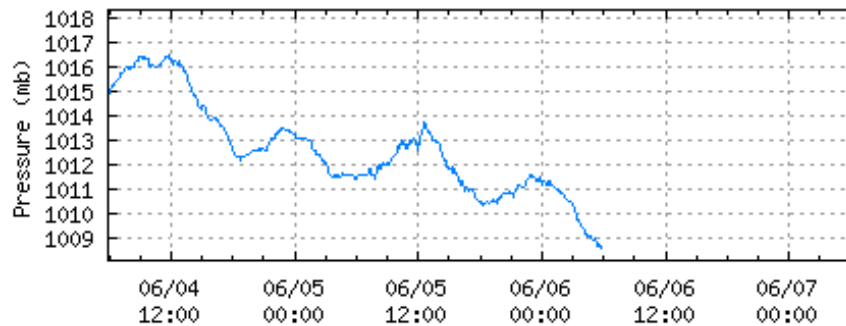


speed — gusts — direction +

Last Observed Sample: 06/06/2016 05:48 (EDT)

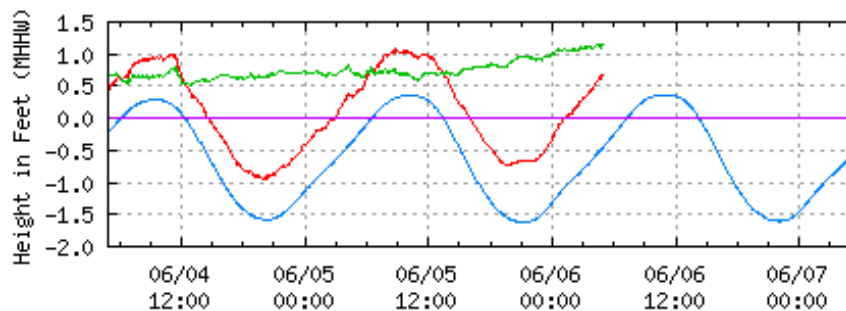
Wind Speed: 16 knots Gusts: 18 knots Direction: 163° T

NOAA/NOS/CO-OPS 8728690 Apalachicola, FL
Barometric Pressure



barometric pressure —
Last Observed Sample: 06/06/2016 05:48 (EDT)
Barometric Pressure: 1008.7 mb

NOAA/NOS/CO-OPS 8729108 Panama City, FL
Preliminary Water Level, relative to Mean Higher High Water (MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

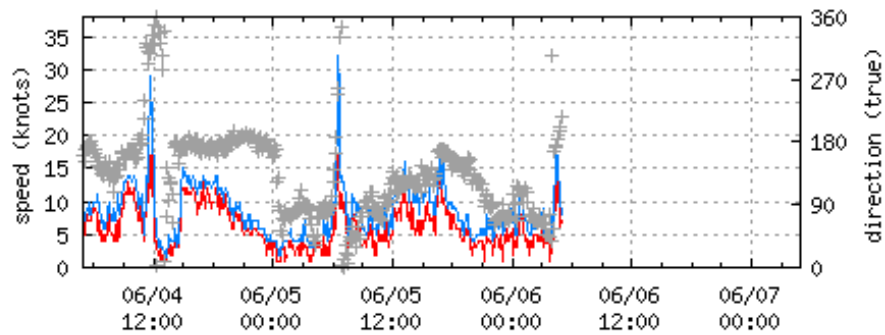
Last Observed Sample: 06/06/2016 04:54 (CDT). Data relative to MHHW

Observed: 0.69 ft. Predicted: -0.46 ft. Residual: 1.15 ft.

Historical Maximum Water Level: Oct 4 1995, 5.72 ft.

Next High Tide: 06/06/2016 10:56 (CDT), 0.37 ft.

NOAA/NOS/CO-OPS 8729108 Panama City, FL
Wind Speed / Gusts / Direction

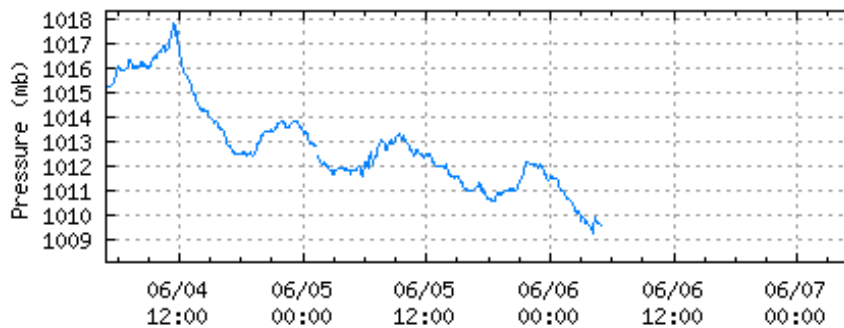


speed — gusts — direction +

Last Observed Sample: 06/06/2016 04:54 (CDT)

Wind Speed: 7 knots Gusts: 8 knots Direction: 217° T

NOAA/NOS/CO-OPS 8729108 Panama City, FL
Barometric Pressure

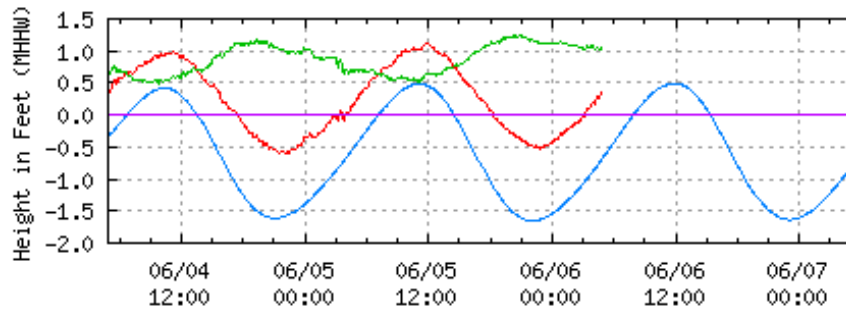


barometric pressure —

Last Observed Sample: 06/06/2016 04:54 (CDT)

Barometric Pressure: 1009.6 mb

NOAA/NOS/CO-OPS 8729840 Pensacola, FL
Preliminary Water Level, relative to Mean Higher High Water(MHHW)



Predicted Tide — (Obs-Pred) —
Observed WL — MHHW —

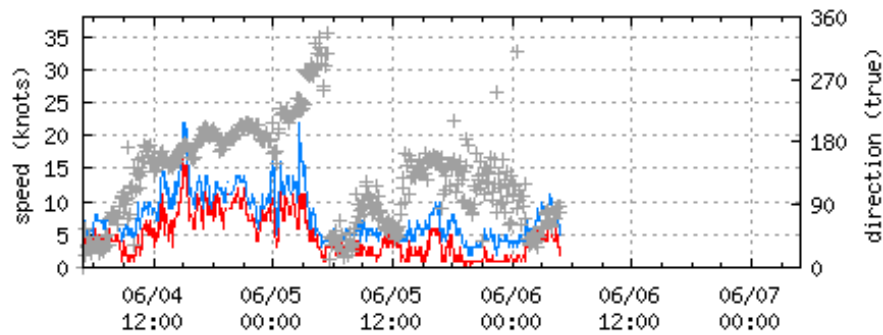
Last Observed Sample: 06/06/2016 04:48 (CDT). Data relative to MHHW

Observed: 0.34 ft. Predicted: -0.70 ft. Residual: 1.04 ft.

Historical Maximum Water Level: Sep 18 1926, 7.41 ft.

Next High Tide: 06/06/2016 11:50 (CDT), 0.49 ft.

NOAA/NOS/CO-OPS 8729840 Pensacola, FL
Wind Speed / Gusts / Direction



speed — gusts — direction +

Last Observed Sample: 06/06/2016 04:48 (CDT)

Wind Speed: 2 knots Gusts: 5 knots Direction: 78° T

Latest Water Level Observations on MHHW

Station ID	Station Name	Date/Time	Observed Water Level	Predicted Tide	Residual Water Level	24 Hour Maximum Storm Tide
8727520	Cedar Key, FL	06/06/2016 05:54 (EDT)	1.27 ft	-0.84 ft	2.11 ft	1.77 ft
8726724	Clearwater Beach, FL	06/06/2016 05:48 (EDT)	-0.35 ft	-1.49 ft	1.14 ft	1.49 ft
8726667	Mckay Bay Entrance, FL	06/06/2016 05:48 (EDT)	0.67 ft	-0.91 ft	1.58 ft	1.78 ft
8726607	Old Port Tampa, FL	06/06/2016 05:48 (EDT)	0.70 ft	-0.67 ft	1.37 ft	1.54 ft
8725520	Fort Myers, FL	06/06/2016 05:48 (EDT)	0.70 ft	-0.51 ft	1.21 ft	1.21 ft
8725110	Naples, FL	06/06/2016 05:48 (EDT)	-0.06 ft	-1.20 ft	1.14 ft	1.59 ft
8728690	Apalachicola, FL	06/06/2016 05:48 (EDT)	1.34 ft	-0.27 ft	1.61 ft	1.34 ft
8729108	Panama City, FL	06/06/2016 04:54 (CDT)	0.69 ft	-0.46 ft	1.15 ft	1.08 ft
8729840	Pensacola, FL	06/06/2016 04:48 (CDT)	0.34 ft	-0.70 ft	1.04 ft	1.11 ft

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)
National Oceanic and Atmospheric Administration | U.S. Department of Commerce